



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/643,795
Source: IFWO
Date Processed by STIC: 5/7/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IF

RAW SEQUENCE LISTING

DATE: 05/07/2004

PATENT APPLICATION: US/10/643,795

TIME: 12:06:57

Input Set : A:\P5026R1-US.txt

Output Set: N:\CRF4\05072004\J643795.raw

-> 1 Patin Docket Preview *delete*

7 <110> APPLICANT: FREDERIC J. DESAUVAGE

8 GRETCHEN FRANTZ

9 KENNETH J. HILLAN

10 PAUL POLAKIS

11 ANDREW POLSON

12 VICTORIA SMITH

13 SUSAN D. SPENCER

14 THOMAS D. WU

15 ZEMIN ZHANG

17 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

18 TREATMENT OF TUMOR

20 <130> FILE REFERENCE: P5026R1-US

22 <140> CURRENT APPLICATION NUMBER: US 10/643,795

23 <141> CURRENT FILING DATE: 2003-08-19

25 <150> PRIOR APPLICATION NUMBER: US 60/404,809

26 <151> PRIOR FILING DATE: 2002-08-19

28 <150> PRIOR APPLICATION NUMBER: US 60/405,645

29 <151> PRIOR FILING DATE: 2002-08-21

31 <150> PRIOR APPLICATION NUMBER: US 60/413,192

32 <151> PRIOR FILING DATE: 2002-09-23

34 <150> PRIOR APPLICATION NUMBER: US 60/419,008

35 <151> PRIOR FILING DATE: 2002-10-15

37 <150> PRIOR APPLICATION NUMBER: US 60/426,847

38 <151> PRIOR FILING DATE: 2002-11-15

40 <150> PRIOR APPLICATION NUMBER: US 60/484,959

41 <151> PRIOR FILING DATE: 2003-07-02

43 <160> NUMBER OF SEQ ID NOS: 158

pp 1-2
Does Not Comply
Corrected Diskette Needed

RORED SEQUENCES

9356 <210> SEQ ID NO: 86

-> 9357 <211> LENGTH: -1

9358 <212> TYPE: PRT

9359 <213> ORGANISM: Homo sapien

9361 <400> SEQUENCE: 86

9362 Met Glu Arg Leu Trp Gly Leu Phe Gln Arg Ala Gln Gln Leu Ser

-> 9365 Pro Arg Ser Ser Gln Thr Val Tyr Gln Arg Val Glu Gly Pro Arg

-> 9368 Lys Gly His Leu Glu Glu Glu Glu Glu Asp Gly Glu Glu Gly Ala

-> 9371 Glu Thr Leu Ala His Phe Cys Pro Met Glu Leu Arg Gly Pro Glu

-> 9374 Pro Leu Gly Ser Arg Pro Arg Gln Pro Asn Leu Ile Pro Trp Ala

-> 9377 Ala Ala Gly Arg Arg Ala Ala Pro Tyr Leu Val Leu Thr Ala Leu

see p.2

what is this? 801 amino acids shown

number the amino acids under every 5 amino acids. Do not use TAB codes between the numbers.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/643,795

DATE: 05/07/2004
TIME: 12:06:58

Input Set : A:\P5026R1-US.txt

Output Set: N:\CRF4\05072004\J643795.raw

```

-> 9380 Leu Ile Phe Thr Gly Ala Phe Leu Leu Gly Tyr Val Ala Phe Arg
-> 9383 Gly Ser Cys Gln Ala Cys Gly Asp Ser Val Leu Val Val Ser Glu
-> 9386 Asp Val Asn Tyr Glu Pro Asp Leu Asp Phe His Gln Gly Arg Leu
-> 9389 Tyr Trp Ser Asp Leu Gln Ala Met Phe Leu Gln Phe Leu Gly Glu
-> 9392 Gly Arg Leu Glu Asp Thr Ile Arg Gln Thr Ser Leu Arg Glu Arg
-> 9395 Val Ala Gly Ser Ala Gly Met Ala Ala Leu Thr Gln Asp Ile Arg
-> 9398 Ala Ala Leu Ser Arg Gln Lys Leu Asp His Val Trp Thr Asp Thr
-> 9401 His Tyr Val Gly Leu Gln Phe Pro Asp Pro Ala His Pro Asn Thr
-> 9404 Leu His Trp Val Asp Glu Ala Gly Lys Val Gly Glu Gln Leu Pro
-> 9407 Leu Glu Asp Pro Asp Val Tyr Cys Pro Tyr Ser Ala Ile Gly Asn
-> 9410 Val Thr Gly Glu Leu Val Tyr Ala His Tyr Gly Arg Pro Glu Asp
-> 9413 Leu Gln Asp Leu Arg Ala Arg Gly Val Asp Pro Val Gly Arg Leu
-> 9416 Leu Leu Val Arg Val Gly Val Ile Ser Phe Ala Gln Lys Val Thr
-> 9419 Asn Ala Gln Asp Phe Gly Ala Gln Gly Val Leu Ile Tyr Pro Glu
-> 9422 Pro Ala Asp Phe Ser Gln Asp Pro Pro Lys Pro Ser Leu Ser Ser
-> 9425 Gln Gln Ala Val Tyr Gly His Val His Leu Gly Thr Gly Asp Pro
-> 9428 Tyr Thr Pro Gly Phe Pro Ser Phe Asn Gln Thr Gln Phe Pro Pro
-> 9431 Val Ala Ser Ser Gly Leu Pro Ser Ile Pro Ala Gln Pro Ile Ser
-> 9434 Ala Asp Ile Ala Ser Arg Leu Leu Arg Lys Leu Lys Gly Pro Val
-> 9437 Ala Pro Gln Glu Trp Gln Gly Ser Leu Leu Gly Ser Pro Tyr His
-> 9440 Leu Gly Pro Gly Pro Arg Leu Arg Leu Val Val Asn Asn His Arg
-> 9443 Thr Ser Thr Pro Ile Asn Asn Ile Phe Gly Cys Ile Glu Gly Arg
-> 9446 Ser Glu Pro Asp His Tyr Val Val Ile Gly Ala Gln Arg Asp Ala
-> 9449 Trp Gly Pro Gly Ala Ala Lys Ser Ala Val Gly Thr Ala Ile Leu
-> 9452 Leu Glu Leu Val Arg Thr Phe Ser Ser Met Val Ser Asn Gly Phe
-> 9455 Arg Pro Arg Arg Ser Leu Leu Phe Ile Ser Trp Asp Gly Gly Asp
-> 9458 Phe Gly Ser Val Gly Ser Thr Glu Trp Leu Glu Gly Tyr Leu Ser
-> 9461 Val Leu His Leu Lys Ala Val Val Tyr Val Ser Leu Asp Asn Ala
-> 9464 Val Leu Gly Asp Asp Lys Phe His Ala Lys Thr Ser Pro Leu Leu
-> 9467 Thr Ser Leu Ile Glu Ser Val Leu Lys Gln Val Asp Ser Pro Asn
-> 9470 His Ser Gly Gln Thr Leu Tyr Glu Gln Val Val Phe Thr Asn Pro
-> 9473 Ser Trp Asp Ala Glu Val Ile Arg Pro Leu Pro Met Asp Ser Ser
-> 9476 Ala Tyr Ser Phe Thr Ala Phe Val Gly Val Pro Ala Val Glu Phe
-> 9479 Ser Phe Met Glu Asp Asp Gln Ala Tyr Pro Phe Leu His Thr Lys
-> 9482 Glu Asp Thr Tyr Glu Asn Leu His Lys Val Leu Gln Gly Arg Leu
-> 9485 Pro Ala Val Ala Gln Ala Val Ala Gln Leu Ala Gly Gln Leu Leu
-> 9488 Ile Arg Leu Ser His Asp Arg Leu Leu Pro Leu Asp Phe Gly Arg
-> 9491 Tyr Gly Asp Val Val Leu Arg His Ile Gly Asn Leu Asn Glu Phe
-> 9494 Ser Gly Asp Leu Lys Ala Arg Gly Leu Thr Leu Gln Trp Val Tyr
-> 9497 Ser Ala Arg Gly Asp Tyr Ile Arg Ala Ala Glu Lys Leu Arg Gln
-> 9500 Glu Ile Tyr Ser Ser Glu Glu Arg Asp Glu Arg Leu Thr Arg Met
-> 9503 Tyr Asn Val Arg Ile Met Arg Val Glu Phe Tyr Phe Leu Ser Gln
-> 9506 Tyr Val Ser Pro Ala Asp Ser Pro Phe Arg His Ile Phe Met Gly
-> 9509 Arg Gly Asp His Thr Leu Gly Ala Leu Leu Asp His Leu Arg Leu
-> 9512 Leu Arg Ser Asn Ser Ser Gly Thr Pro Gly Ala Thr Ser Ser Thr
-> 9515 Gly Phe Gln Glu Ser Arg Phe Arg Arg Gln Leu Ala Leu Leu Thr
-> 9518 Trp Thr Leu Gln Gly Ala Ala Asn Ala Leu Ser Gly Asp Val Trp
-> 9521 Asn Ile Asp Asn Asn Phe

```

*Number
the amino
acids under
every 5
amino acids*

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

FYE

VERIFICATION SUMMARY

DATE: 05/07/2004

PATENT APPLICATION: US/10/643,795

TIME: 12:06:59

Input Set : A:\P5026R1-US.txt

Output Set: N:\CRF4\05072004\J643795.raw

1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:
160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:550
341 Repeated in SeqNo=2
111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:850
341 Repeated in SeqNo=9
347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
1282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:3500
341 Repeated in SeqNo=13
1699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:400
5198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:2000
5497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:1350
341 Repeated in SeqNo=65
5762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:400
341 Repeated in SeqNo=68
7869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:3350
341 Repeated in SeqNo=75
9357 M:210 E: (40) Invalid Number of Sequences, LENGTH:
9365 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:86
332 Repeated in SeqNo=86
9521 M:252 E: No. of Seq. differs, <211> LENGTH:Input:-1 Found:801 SEQ:86
9685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:225
341 Repeated in SeqNo=89